

Message Text

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16

ACTION OES-05

INFO OCT-01 EUR-12 EA-10 ISO-00 ACDA-10 CIAE-00 INR-07

IO-10 L-02 NSAE-00 NSC-05 EB-07 NRC-07 FEA-01 /077 W

----- 048062

R 170305Z APR 75

FM AMEMBASSY TOKYO

TO USERDA GERMANTOWN

INFO SECSTATE WASHDC 9484

USMISSION EC BRUSSELS

UNCLAS TOKYO 5041

FOR J.A. GARRETT, DIP, ERDA

E.O. 11652: N/A

TAGS: TECH, JA

SUBJECT: STORAGE CAPACITY FOR IRRADIATED REACTOR FUEL IN JAPAN

1. LISTED BELOW IS THE STORAGE CAPACITY FOR SPENT FUEL FROM
POWER REACTORS IN JAPAN. STORAGE CAPACITIES OF RESEARCH
REACTORS, POWER REACTORS UNDER CONSTRUCTION AND HOLDING STORAGE
AT PNC REPROCESSING PLANT HAVE NOT BEEN INCLUDED.

REACTOR	TYPE	SPENT FUEL STORAGE
TOKAI 1	166 MW GCR (CALDER HALL TYPE)	16,432 FUEL ELEMENTS
TSURUGA	357 MW BWR	403 FUEL ASSEMBLIES
FUKUSHIMA 1	460 MW BWR	600
FUKUSHIMA 2	784 MW BWR	822
FUKUSHIMA 3	784 MW BWR	822
SHIMANE	460 MW BWR	600
HAMAOKA 1	540 MW BWR	552
HIHAMA 1	340 MW PWR	323
MIHAMA 2	500 MW PWR	161
TAKAHAMA 1	826 MW PWR	209

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TAKAHAMA 2 826 MW PWR 209

GENKAI 1 559 NW PWR 161

2. TOKAI-1 HAS TWO POOLS, EACH 24 METERS BY 12.3 METERS
BY 5.8 METERS.

3. COMMENT. AN INCOMPLETE SURVEY OF THE STORAGE CAPACITY
FOR SPENT FUEL OF POWER REACTORS UNDER CONSTRUCTION INDICATES
SIMILAR FACILITIES WILL HAVE SIMILAR SPENT FUEL STORAGE
CAPACITY.
HODGSON

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Disposition Approved on Date:
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Disposition Event:
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